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L7 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2000 ACS

ACCESSION NUMBER:

1975:593573 CAPLUS

DOCUMENT NUMBER:

83:193573

TITLE:

Reactions with indole derivatives. XXVIII.

Alkylation of camptothecin intermediates. New approach to camptothecin

Krohn, Karsten; Winterfeldt, Ekkehard

Org.-Chem. Inst., Tech. Univ. Hannover, Hannover,

AUTHOR(S):

CORPORATE SOURCE:

Ger.

SOURCE:

Chem. Ber. (1975), 108(9), 3030-42

CODEN: CHBEAM

Journal

German

DOCUMENT TYPE:

LANGUAGE:

GI For diagram(s), see printed CA Issue.

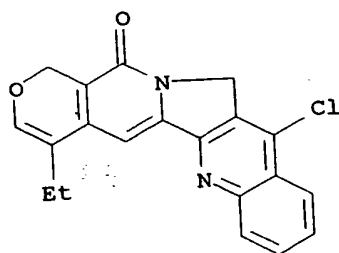
AB The total synthesis of camptothecin was improved by using open-chain intermediates I, II, III, and IV to prep. 7-chlorodeoxycamptothecin (V), which improved the yield previously obtained during alkylation of VI. Several improvements of the previous synthesis were also described, e.g., the chlorination of the precursor of I.

IT 57182-95-3P

RL: SPN (Synthetic preparation); PREP (Preparation) (prepn. of)

RN 57182-95-3 CAPLUS

CN 14H-Pyrano[3',4':6,7]indolizino[1,2-b]quinolin-14-one, 11-chloro-4-ethyl-1,12-dihydro- (9CI) (CA INDEX NAME)



=> s 16

L8

10 L6

=> d 18 1-10 ibib abs hitstr